TITLE: Access network handover in communication system, has
logical interface
which assigns IP address corresponding to communication,
based on change of
access between physical interfaces

INVENTOR: JOKELA, P; MELEN, B

PATENT-ASSIGNEE: TELEFONAKTIEBOLAGET ERICSSON L M [TELF]

PRIORITY-DATA:
2000AU-0007175 (April 28, 2000)
, 2000AU-0006827 (April 11, 2000)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
AU 200135071 A	October 18, 2001	N/A	018	H04L 029/08

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
AU 200135071A	N/A	2001AU-0035071	April 9, 2001

INT-CL (IPC): H04L029/08; H04Q007/20
ABSTRACTED-PUB-NO: AU 200135071A

BASIC-ABSTRACT:
NOVELTY - A mobile IP layer supports an IP functionality
which establishes a
communication between a mobile node and the physical
interface layers of
respective access network to be switched-over. A logic
interface interposed
between the IP and physical interface layers, assigns an IP
address
corresponding to the communication, based on the change of
access between the

physical interfaces (IF1,IF2).

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included
for method of
assigning an IP address in a communication system.

USE - Access network handover from mobile UMTS network to
WLAN or vice-versa,
also for networks such as GSM, Bluetooth, LAN, internet,
etc., in
telecommunication network.

ADVANTAGE - Enables load sharing between different interfaces
and seamless soft
handover between the physical interfaces, as data packet loss
is prevented by
including IP address.

DESCRIPTION OF DRAWING(S) - The figure shows an access
network handover in
communication system.

Interfaces IF1,IF2

CHOSEN-DRAWING: Dwg.2/2

DERWENT-CLASS: W01 W02

EPI-CODES: W01-B05A1A; W02-C03C1A; W02-C03C1D;